

**DEP7007T**

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**Metal Plating and Surface Treatment Operations**

[illegible]

- (1) Assign an emission point number to each process that has a potential to emit any air pollutant.
- (2) List each tank in the process and specify the type of operation (e.g., electro-plating, stripping, pickling, electro-cleaning, etching, rinsing, tinning, etc.)
- (3-6) Self-explanatory.
- (7) List each of the chemical materials used on a separate line. *Include the Material Safety Data Sheets for each chemical in the tank.*
- (8-9) List the hourly and annual make-up rates for each chemical material. If the units are listed by volume, then provide concentration and density of each chemical material (these volumes will be used as permit conditions.)
- (10) Self-explanatory.

- Provide a process flow diagram to show the arrangement of the tanks, the ventilation system, and the control devices.
- Provide a brief description of the processes including all the chemical reactions taking place.
- IMPORTANT:** Complete DEP7007N for the air pollution control equipment and the ventilation system, including emission calculations.